



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

BASF CORPORATION
SEPC Operations
Quality Control Laboratory
200 Iris Drive
Sparta, TN 38583
Brian Tupper Phone: 931 738 7257

MECHANICAL

Valid To: March 31, 2024

Certificate Number: 1217.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following engineering tests on plastics:

<u>Test Method</u>	<u>Test</u>
ASTM D256	Izod Impact
ASTM D618	Conditioning
ASTM D638	Tensile Properties of Plastics (except Annex A3 Poisson Ratio)
ASTM D648 B	Deflection Temperature of Plastics Under Flexural Load
ASTM D790	Flexural Properties of Plastics
ASTM D792	Specific Gravity by Displacement - Electronic Densimeter (Method A Density)
ASTM D1238	Melt Flow Rate (Procedure A and B)
ASTM D3418	DSC Melt Point
ASTM D5630-13 ¹	Percent Ash Content (Procedure B)
ASTM D6869	Percent Moisture (Automated Karl Fisher Titrimetry) Coulometric Method
ASTM E1331	Color Difference (Reflectance)
ISO 75-2	Deflection Temperature Under Load
ISO 178	Flexural Properties

<u>Test Method</u>	<u>Test</u>
ISO 179-1	Charpy Testing
ISO 180	Determination of Izod Impact Strength
ISO 307	Determination of Viscosity Number - Polyamides
ISO 527-1, -2	Tensile Properties (except section 10.4 Poisson Ratio)
ISO 1133-1, -2	Melt Flow Rate (Procedure A and B)
ISO 1183-1	Density
ISO 1628	Determination of the Viscosity of Polymers in Dilute Solution using Capillary Viscometers
ISO 3451-1	Determination of Ash (Method A)
ISO 11357-1, -3	DSC Melt Point
ISO 15512 B	Determination of Water Content

¹This laboratory's scope contains withdrawn or superseded methods. As a clarifier, this indicates that the applicable method itself has been withdrawn or is now considered "historical" and not that the laboratory's accreditation for the method has been withdrawn.





Accredited Laboratory

A2LA has accredited

BASF CORPORATION

Sparta, TN

for technical competence in the field of

Mechanical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).

Presented this 11th day of April 2022.



A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 1217.01
Valid to March 31, 2024

For the tests to which this accreditation applies, please refer to the laboratory's Mechanical Scope of Accreditation.